BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Detailed Estimate for the work of Construction of Culverts in ward no -04 yelahanka division,

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	cum							
	for culverts		5	6.00	1.50	1.50	67.50		
	approch drain		10	5.00	1.20	0.90	54.00		
							121.50	190.80	23182.00
	Basic Rate	180.00							
	Area Weightage 6%	10.80							
	Grand Total	190.80							
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 1				121.50	87.56	10638.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	MORB 4-1.2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 1408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	Cum							
	for RCC culverts		5	6.00	1.50	0.15	6.75		
			10	5.00	1.20	0.15	9.00		
							15.75	**5505.64**	**86714.00**
	Basic Rate	5194.00							
	Area Weightage 6%	311.64							
	Grand Total	5505.64							
4	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 265 Ite mo 37.59.2 SR 2018-19	**Cum**							
	for RCC culverts		5	6.00	1.20	0.30	10.80		
	side walls	5x2	10	6.00	0.30	1.00	18.00		
	drain approach		10	5.00	0.90	0.15	6.75		
			20	5.00	0.15	0.75	11.25		
							46.80	**7070.20**	**330885.00**
	Basic Rate	6670.00							
	Area Weightage 6%	400.20							
	Grand Total	7070.20							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification No. 1600 & 2200 for TMT bars Fe 500 (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne							
	for RCC culvert 80 kg/cum		0.080	28.80			2.30		
	for RCC drain 65 kg/cum		0.065	18.00			1.17		
				46.80			3.47	73992.24	257049.00
	Basic Rate	69804.00							
	Area Weightage 6%	4188.24							
	Grand Total	73992.24							
6	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.	sqm							
			10	1.20	0.60		7.20		
							7.20	5418.00	39010.00
	Data Rate	5418.00							
7	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.	sqm							
	missing covering slabs		1	68.00	0.90		61.20		
							61.20	2337.00	143024.00
	Data Rate	2337.00							
								Sub total	890502
								GST 12%	106860
8	Miscellaneous charges								2637.76
								Total	1000000.00

(Rupees Ten Lakhs Only)

Administrative Sanction for Rs. 10.00 Lakhs
Ten Lakhs only
is accorded under head P.1771
2018-19
Registered as CE No.
to conditions contained in enclosed memo
No. EE-I/AA/60/18-19 Dt. 25.02.19
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakhs
Rupees Ten Lakhs only
Under P.1771 - 2018-19
Registered as CE ( ) No
Subject to conditions contained in enclosed memo EE ( ) No
Dt.
EE/TS/24/18-19 No.
Dated 25.02.19 Rs. 10.00 Lakhs
Executive Engineer

Estimate A/ Sanctioned

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Satellite town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN